

**To:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** Ells, Steve  
**Sent:** Mon 12/1/2014 1:16:41 PM  
**Subject:** FW: PH FS process question - Confidential

**From:** Woolford, James  
**Sent:** Wednesday, November 26, 2014 2:43 PM  
**To:** Cohen, Lori  
**Cc:** Ammon, Doug; Ells, Steve; Legare, Amy; Koch, Kristine; Grandinetti, Cami; Stalcup, Dana; Richardson, RobinH; Scozzafava, MichaelE; Barr, Pamela  
**Subject:** RE: PH FS process question - Confidential

Thanks

Have not discussed with the HQ team but some quick reactions.

# Deliberative Process / Ex. 5

Lets set up a call next week to discuss.

Jim Woolford, Director  
Office of Superfund Remediation & Technology Innovation

US EPA

Sent from my Windows Phone  
Please excuse typos

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**From:** [Cohen, Lori](#)  
**Sent:** 11/25/2014 5:12 PM  
**To:** [Woolford, James](#)  
**Cc:** [Ammon, Doug](#); [Ells, Steve](#); [Legare, Amy](#); [Koch, Kristine](#); [Grandinetti, Cami](#)  
**Subject:** PH FS process question

Jim –

Thanks again for joining us yesterday at the Portland Harbor meeting. It was really helpful to have you there – both symbolically to show HQs engagement in the PH process as well as substantively, as your comments definitely added to the conversation. Folks were listening closely to every word....

**Deliberative Process / Ex. 5**

# **Deliberative Process / Ex. 5**

You may be travelling so I am sending this to the cc list so folks can start thinking about it.

Thanks!

Lori

**To:** Coffey, Scott[CoffeySE@cdmsmith.com]  
**Cc:** Foster, Malena L.[fosterml@cdmsmith.com]; Mullin, Jeanette[MullinJM@cdmsmith.com];  
Rood, Stephen[RoodSG@cdmsmith.com]; Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Sun 11/23/2014 6:06:16 PM  
**Subject:** Pseudo RAL and comparison to all Congeners  
[pseudoTEQ\\_ecdf.pdf](#)  
[DioxinFuran PRGs\\_pseudoTEQ.R](#)

# Deliberative Process / Ex. 5

TK

Todd W. King, P.E., BCEE, LEED AP

CDM Smith

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Detroit MI 48226

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c: (313) 670-6020

**To:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Wed 10/15/2014 7:16:00 PM  
**Subject:** FW: Portland Harbor RAL Curve Development - EPA Clarification

**From:** Mullin, Jeanette  
**Sent:** Tuesday, October 14, 2014 6:54 PM  
**To:** King, Todd W.; Blischke, Eric; Foster, Malena L.; Rood, Stephen  
**Cc:** Coffey, Scott  
**Subject:** Portland Harbor RAL Curve Development - EPA Clarification

Hi, Team:

# Deliberative Process / Ex. 5

Jet

**Jeanette Mullin, LG** | CDM Smith

14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007 | T: 425.519.8300 |

[mullinjm@cdmsmith.com](mailto:mullinjm@cdmsmith.com) | [cdmsmith.com](http://cdmsmith.com)

**To:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Wed 10/15/2014 1:27:03 AM  
**Subject:** FW: LWG Reply in Support of Request for Dispute Resolution of EPA's Notice of Decisions on Background Regarding Section 7  
2014 10 14 LWG reply in support of request for dispute resolution - Ex. A.pdf  
2014 10 14 LWG reply in support of request for dispute resolution.pdf

FYI

**From:** Koch, Kristine [mailto:Koch.Kristine@epa.gov]  
**Sent:** Tuesday, October 14, 2014 7:10 PM  
**To:** Alex Liverman (liverman.alex@deq.state.or.us); Allen, Elizabeth; Audie Huber (audiehuber@ctuir.com); Bob Dexter; Brian Cunnigham (cunningham@gorge.net); callie@ridolfi.com; Coffey, Scott; Conley, Alanna; Erin Madden (erin.madden@gmail.com); Fuentes, Rene; Gabriel Moses  
**Personal Privacy / Ex. 6** Gail Fricano (gfricano@indecon.com); Genevieve Angle (Genevieve.Angle@noaa.gov); Hagerman, Paul; Holly Partridge (Holly.Partridge@grandronde.org); JD Williams (jd@williamsjohnsonlaw.com); peterson.Jennifer@deq.state.or.us; Jeremy\_Buck@fws.gov; Julie Weis (jweis@hk-law.com); Matt McClincy (mcclincy.matt@deq.state.or.us); Michael.karnosh@grandronde.org; poulsen.mike@deq.state.or.us; Muza, Richard; rdelvecchio@indecon.com DelVecchio; Rita Cabral (rcabral@indecon.com); Robert.Neely@noaa.gov; rose@yakamafish-nsn.gov; Ryan Sudbury (Ryan.Sudbury@grandronde.org); Sheldrake, Sean; Shephard, Burt; King, Todd W.; tomd@ctsi.nsn.us; Tom Gainer (gainer.tom@deq.state.or.us)  
**Subject:** FW: LWG Reply in Support of Request for Dispute Resolution of EPA's Notice of Decisions on Background Regarding Section 7

All – Here is the LWG's reply on the dispute of Section 7 of the RI.

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

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(206)553-0124 (fax)  
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**From:** Matt Stock [mailto:mstock@jzplaw.com]  
**Sent:** Tuesday, October 14, 2014 4:02 PM

**To:** Albright, Rick; Albright, Rick; Cora, Lori; Koch, Kristine  
**Cc:** Jennifer Woronets ([jworonets@anchoragea.com](mailto:jworonets@anchoragea.com))  
**Subject:** LWG Reply in Support of Request for Dispute Resolution of EPA's Notice of Decisions on Background Regarding Section 7

Mr. Albright, Ms. Cora, and Ms. Koch,

I have attached the Lower Willamette Group's Reply in Support of Request for Dispute Resolution of EPA's Notice of Decisions on Background Regarding Section 7 for your review and consideration. If you would like a hard copy of the reply, or have any questions, please feel free to contact me.

Regards,

Matt

Matthew J. Stock  
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Consider the environment before printing.

**To:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Wed 10/15/2014 1:26:12 AM  
**Subject:** FW: Portland Harbor RAL Curve Development - EPA Clarification

FYI

**From:** Mullin, Jeanette  
**Sent:** Tuesday, October 14, 2014 6:54 PM  
**To:** King, Todd W.; Blischke, Eric; Foster, Malena L.; Rood, Stephen  
**Cc:** Coffey, Scott  
**Subject:** Portland Harbor RAL Curve Development - EPA Clarification

Hi, Team:

# Deliberative Process / Ex. 5

Jet

**Jeanette Mullin, LG** | CDM Smith  
14432 SE Eastgate Way, Suite 100 | Bellevue, WA 98007 | T: 425.519.8300 |  
[mullinjm@cdmsmith.com](mailto:mullinjm@cdmsmith.com) | [cdmsmith.com](http://cdmsmith.com)

**To:** Coffey, Scott[CoffeySE@cdmsmith.com]; Gustavson, Karl[Gustavson.Karl@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]; Sheldrake, Sean[sheldrake.sean@epa.gov]; Mullin, Jeanette[MullinJM@cdmsmith.com]; Rood, Stephen[RoodSG@cdmsmith.com]  
**From:** King, Todd W.  
**Sent:** Fri 10/10/2014 2:50:52 PM  
**Subject:** RE: Discuss Response to LWG comments RE Portland Harbor - natural recovery areas

After 1 works best for me Tuesday. Should be available, but have meeting in AM that might run into your 11-12 timeframe...

TK

-----Original Appointment-----

**From:** Coffey, Scott  
**Sent:** Friday, October 10, 2014 10:44 AM  
**To:** Gustavson.Karl@epa.gov; King, Todd W.; Koch, Kristine (Koch.Kristine@epa.gov); 'sheldrake.sean@epa.gov'; Mullin, Jeanette; Rood, Stephen  
**Subject:** Canceled: Discuss Response to LWG comments RE Portland Harbor - natural recovery areas  
**When:** Friday, October 10, 2014 11:00 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** Personal Privacy / Ex. 6  
**Importance:** High

**Sorry everyone. I just can't seem to get this meeting to jive with everyone's schedule. I forgot to check Todd's schedule and he is not available at this time.**

**Karl and Todd: Are you both available next Tuesday from 11 to noon?**

**From:** James McKenna [<mailto:jim.mckenna@verdantllc.com>]  
**Sent:** Monday, October 06, 2014 12:10 PM  
**To:** Cohen, Lori  
**Cc:** Wyatt, Robert; Koch, Kristine; Margaret Kirkpatrick ([margaret.kirkpatrick@nwnatural.com](mailto:margaret.kirkpatrick@nwnatural.com)); Yamamoto, Deb; Muza, Richard; Jennifer Worenets ([jworonets@anchorqea.com](mailto:jworonets@anchorqea.com))  
**Subject:** RE: Portland Harbor - natural recovery areas

Lori:

As a follow-up to your conversation with Margaret and Bob's voicemail to Kristine last week, we want to thank you for clarifying your comments regarding deposition rates in Portland Harbor. We also appreciated your comment at the conference, which is reiterated in your email, that EPA believes there are some natural recovery areas in the river. Natural recovery is an important mechanism and requires a strong understanding how the river system works (i.e., part of the RI), and influences alternatives development and assessment (i.e., the FS). However, we disagree with your comments that natural recovery is limited to a relatively small percentage of areas.

There are a few statements in your email that I want to respond to or seek further clarification from EPA. In your second paragraph you present some deposition rates based on CDM's work. You end the

paragraph stating "I understand the LWG has all of the backup information used to prepare this chart." The LWG has the bathymetric data utilized by CDM, and we have one map from EPA showing areas consistent with the last two columns in EPA's table. However, we do not have a description of assumptions and factors that went into CDM's deposition calculations. It would be helpful in our understanding of CDM's deposition calculation to see EPA's backup information.

Also in your second paragraph you state "The chart indicates that if you look only within the Sediment Decision Units (SDUs or areas where EPA expects to propose remedial action)..." It has been our understanding that the areas of remedial action (active remedies) will be defined by the boundaries of the Remedial Action Levels (RALs) for each alternative, resulting in Sediment Management Areas (SMAs) for each alternative. This is consistent with both the 2012 Draft FS approach and EPA's presentations in FS technical meetings this year. SDUs are a concept developed by EPA after the 2012 Draft FS, and which EPA indicates may be used as a line of evidence to assess the effectiveness of alternatives in the revised FS. As such the LWG assumes areas of active remedy will still be defined by SMAs, not by SDUs.

In your third paragraph you state the main difference between the LWG and EPA view of natural recovery is that the LWG includes neutral (stable) areas with depositional areas. Consistent with EPA's 2005 contaminated sediment remediation guidance, natural recovery is evaluated through multiple lines of evidence, not just evidence of deposition. Natural recovery not only includes physical isolation through the deposition of incoming sediments, but also other processes such as degradation/transformation, reducing bioavailability, and other physical processes such as dispersion. The draft FS uses a multiple lines of evidence approach to determine whether neutral areas based on bathymetry data are likely or unlikely to naturally recover.

It appears that for depositional areas the main difference in the LWG and EPA approach appears to be how "depositional area" is defined (i.e., at what rate of sediment accumulation does one consider an area depositional?). The rate of accumulation utilized by EPA to define "deposition" (2.5 cm/year or 15 cm over the 6 year period between 2003 and 2009) is about twice the rate utilized by the LWG (7.5 cm over the 6 year period). The LWG's rate is based on the known precision of the bathymetry survey equipment and data evaluation consistent with standard accepted methods (see 2012 Draft FS p. 6-11). It would be helpful to see EPA's backup for the 2.5 cm/year accumulation rate so that we can understand the rationale for its proposed use in the revised FS. There may also be other differences between EPA's and LWG's analyses of the bathymetry data, but we are not able to identify them without the backup information on EPA's analysis.

Also in your third paragraph you state EPA established the depositional areas on bathymetry and not a model. The LWG also established depositional areas based on evaluation of the various bathymetric surveys. Although the draft FS sometimes discusses model information as well, the LWG's determination that 63% of the Site is depositional (see the first column in draft FS Table 2.1-1) is based strictly on the bathymetric surveys, not a model. This is also true for the LWG's assessment of neutral (stable) areas and areas exhibiting erosion.

The LWG is prepared to discuss the technical details of these matters with the EPA project team as part of the remaining RI and FS discussions. In the meantime, please contact me if you have any questions.

Thanks,

Jim McKenna

Verdant Solutions, LLC  
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Cell: (503) 309-1621  
[jim.mckenna@verdantllc.com](mailto:jim.mckenna@verdantllc.com)

**From:** Cohen, Lori [<mailto:Cohen.Lori@epa.gov>]  
**Sent:** Friday, September 19, 2014 11:40 AM  
**To:** Margaret Kirkpatrick ([margaret.kirkpatrick@nwnatural.com](mailto:margaret.kirkpatrick@nwnatural.com))  
**Cc:** James McKenna; Wyatt, Robert; Koch, Kristine; Yamamoto, Deb; Muza, Richard  
**Subject:** Portland Harbor - natural recovery areas

Hi Margaret,

This is a note to follow up on the information I provided at last Friday's Environmental Law and Education Center conference relative to natural recovery at the Portland Harbor site. The information I provided was based on an initial discussion of deposition based on bathymetry in the Study Area and was an underestimate. I apologize for any confusion on this.

EPA believes there are some natural recovery areas in the river. CDM Smith conducted the analysis in the attachment based on 10'x10' pixels of bathymetric change, and shows that there are 39-47% depositional areas in the study area. The chart indicates that if you look only within the Sediment Decision Units (SDUs or areas where EPA expects to propose remedial action), the percentage drops to 32-40%. I understand the LWG has all of the backup information used to prepare this chart.

As EPA has shared with the LWG, the main difference between how EPA views natural recovery areas compared to the LWGs view as presented in its draft FS, is that the LWG includes areas of neutral deposition (transitional areas) as deposition and EPA does not. EPA includes areas considered to be depositional based on existing bathymetric data (not a model).

The project team will be reviewing and discussing this in more detail as part of the FS.

Lori

**To:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Thur 8/14/2014 7:08:46 PM  
**Subject:** RE: Information Request

## Deliberative Process / Ex. 5

**From:** Gustavson, Karl [mailto:Gustavson.Karl@epa.gov]  
**Sent:** Thursday, August 14, 2014 3:06 PM  
**To:** King, Todd W.  
**Subject:** RE: Information Request

Deliberative Process / Ex. 5

**From:** King, Todd W. [mailto:KingTW@cdmsmith.com]  
**Sent:** Thursday, August 14, 2014 2:56 PM  
**To:** Gustavson, Karl; Rood, Stephen  
**Subject:** FW: Information Request

Let me know if I missed a step...

TK

**From:** King, Todd W.  
**Sent:** Thursday, August 14, 2014 2:53 PM  
**To:** Coffey, Scott; Rood, Stephen  
**Cc:** Mullin, Jeanette  
**Subject:** RE: Information Request

Someone else will have to tie to sections...

# **Deliberative Process / Ex. 5**

**From:** Coffey, Scott  
**Sent:** Thursday, August 14, 2014 2:29 PM  
**To:** King, Todd W.; Rood, Stephen  
**Cc:** Mullin, Jeanette  
**Subject:** Information Request  
**Importance:** High

Todd and Steve.

# Deliberative Process / Ex. 5

Thanks.

*Scott Coffey, L.Hg.*

*Hydrogeologist*

**CDM Smith | consulting engineering construction operations**

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phone: (206) 336-4904 | fax: (206) 223-2340 / mobile (206) 457-9270

email: [coffeyse@cdmsmith.com](mailto:coffeyse@cdmsmith.com) | [www.cdmsmith.com](http://www.cdmsmith.com)

**To:** **Personal Privacy / Ex. 6** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Tue 6/10/2014 6:41:01 AM  
**Subject:** EPA\_LWG\_20140610v2.pptx  
EPA\_LWG\_20140610v2.pptx

Bunch of slides to cut from.

**To:** Sheldrake, Sean[sheldrake.sean@epa.gov]  
**Cc:** Koch, Kristine[Koch.Kristine@epa.gov]; Gustavson, Karl[Gustavson.Karl@epa.gov]; Penoyar, Susan[PenoyarSJ@cdmsmith.com]; Rood, Stephen[RoodSG@cdmsmith.com]; Blischke, Eric[blischkee@cdmsmith.com]; Mullin, Jeanette[MullinJM@cdmsmith.com]  
**From:** King, Todd W.  
**Sent:** Mon 6/2/2014 10:19:12 PM  
**Subject:** RE: PH\_Technology Screen\_LWG CommentsResponseFinalDraftforEPAreview.docx  
PH\_Technology Screen\_LWG CommentsResponseFinalDraftforEPAreview.docx

Added a clarifying intro sentence on page 8. Karl ?

TK

**From:** [Personal Privacy / Ex. 6] On Behalf Of Sean Sheldrake  
**Sent:** Monday, June 02, 2014 6:08 PM  
**To:** King, Todd W.  
**Cc:** Kristine Koch; Gustavson, Karl (Gustavson.Karl@epa.gov); Penoyar, Susan; Rood, Stephen; Blischke, Eric; Mullin, Jeanette  
**Subject:** Re: PH\_Technology Screen\_LWG CommentsResponseFinalDraftforEPAreview.docx

Hi Todd, In a quick review, I don't see

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

S

On Mon, Jun 2, 2014 at 2:50 PM, King, Todd W. <KingTW@cdmsmith.com> wrote:

Final draft for EPA review.

Should have revised scores for discussion on Wed.

TK

--

Sean Sheldrake, Unit Diving Officer, RPM

EPA Region 10, 1200 Sixth Ave., Suite 900

Seattle, WA 98101

206.553.1220 desk

206.225.6528 cell

<http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>

<http://www.epa.gov/region10/dive/>

Like us on Facebook! <https://www.facebook.com/EPADivers>

**To:** Rood, Stephen[RoodSG@cdmsmith.com]; Penoyar, Susan[PenoyarSJ@cdmsmith.com]  
**Cc:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Thur 5/29/2014 12:35:36 PM  
**Subject:** FW: draft, deliberative, privileged, and confidential: technology assignments  
PH Technology Screen LWG CommentsResponse 22-May-Revisions.docx

Latest greatest version of memo.

Susan, do we have a time with EPA to finalize this?

## Deliberative Process / Ex. 5

TK

**From:** Gustavson, Karl [mailto:Gustavson.Karl@epa.gov]  
**Sent:** Thursday, May 22, 2014 3:21 PM  
**To:** Koch, Kristine; Sheldrake, Sean  
**Cc:** King, Todd W.; Blischke, Eric; Penoyar, Susan  
**Subject:** draft, deliberative, privileged, and confidential: technology assignments

Hi all,

I have made suggestions: **Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5** in both the beginning and end of the document.

I think there's **Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

So, we should get the results of these new evaluations and revise responses accordingly. I suggest we do not submit the memo until those issues are resolved.

Thanks,

Karl

**To:** Koch, Kristine[Koch.Kristine@epa.gov]; Sheldrake, Sean[sheldrake.sean@epa.gov];  
Gustavson, Karl[Gustavson.Karl@epa.gov]  
**Cc:** Penoyar, Susan[PenoyarSJ@cdmsmith.com]; Rood, Stephen[RoodSG@cdmsmith.com]  
**From:** King, Todd W.  
**Sent:** Thur 5/22/2014 6:03:41 PM  
**Subject:** Acres Remediated  
DraftAcresRem.pdf

This corrects previous version of this

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

**To:** King, Todd W.[KingTW@cdmsmith.com]; Sheldrake, Sean[sheldrake.sean@epa.gov]  
**Cc:** Gustavson, Karl[Gustavson.Karl@epa.gov]; Penoyar, Susan[PenoyarSJ@cdmsmith.com]; Blischke, Eric[blischkee@cdmsmith.com]; Peterson, Lance[PetersonLE@cdmsmith.com]; Mullin, Jeanette[MullinJM@cdmsmith.com]; Rood, Stephen[RoodSG@cdmsmith.com]  
**From:** Koch, Kristine  
**Sent:** Wed 5/21/2014 6:22:10 PM  
**Subject:** RE: PH\_Technology Screen\_LWG CommentsResponse.docx  
kk\_koch PH Technology Screen\_LWG CommentsResponse tk revision.docx

Todd – here are my edits.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

Kristine Koch  
Remedial Project Manager  
USEPA, Office of Environmental Cleanup

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1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** King, Todd W. [mailto:KingTW@cdmsmith.com]  
**Sent:** Tuesday, May 20, 2014 3:04 PM  
**To:** Koch, Kristine; Sheldrake, Sean  
**Cc:** Gustavson, Karl; Penoyar, Susan; Blischke, Eric; Peterson, Lance; Mullin, Jeanette; Rood, Stephen  
**Subject:** RE: PH\_Technology Screen\_LWG CommentsResponse.docx

Took a shot at a response.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

See what you all think...

TK

**From:** Koch, Kristine [<mailto:Koch.Kristine@epa.gov>]

**Sent:** Tuesday, May 20, 2014 12:53 PM

**To:** King, Todd W.; Sheldrake, Sean

**Cc:** Gustavson, Karl; Penoyar, Susan; Blischke, Eric; Peterson, Lance; Mullin, Jeanette; Rood, Stephen

**Subject:** RE: PH\_Technology Screen\_LWG CommentsResponse.docx

All – here are my edits on the

## Deliberative Process / Ex. 5

### Deliberative Process / Ex. 5

K2.

Kristine Koch  
Remedial Project Manager  
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(206)553-6705  
(206)553-0124 (fax)  
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

**From:** King, Todd W. [<mailto:KingTW@cdmsmith.com>]

**Sent:** Monday, May 19, 2014 2:35 PM

**To:** Koch, Kristine; Sheldrake, Sean

**Cc:** Gustavson, Karl; Penoyar, Susan; Blischke, Eric; Peterson, Lance; Mullin, Jeanette; Rood, Stephen

**Subject:** PH\_Technology Screen\_LWG CommentsResponse.docx

Responses from Karl (with one exception) on LWG comments. For discussion.

Note track changes is on. Accept all changes prior to distribution outside this cc: list.

TK

**To:** Penoyar, Susan[PenoyarSJ@cdmsmith.com]; Blischke, Eric[blischkee@cdmsmith.com]; Mullin, Jeanette[MullinJM@cdmsmith.com]; Peterson, Lance[PetersonLE@cdmsmith.com]  
**Cc:** Gustavson, Karl[Gustavson.Karl@epa.gov]  
**From:** King, Todd W.  
**Sent:** Tue 4/15/2014 2:52:35 PM  
**Subject:** FW: Update conversation today and Discussion for TCT call

## Deliberative Process / Ex. 5

PLEASE...don't help me by drafting something.

Thanks,

TK

**From:** Penoyar, Susan  
**Sent:** Monday, April 14, 2014 10:51 PM  
**To:** Koch, Kristine  
**Cc:** Sheldrake, Sean (sheldrake.sean@epa.gov); King, Todd W.; Blischke, Eric; Mullin, Jeanette  
**Subject:** Update conversation today and Discussion for TCT call

Hi Kristine! **Personal Privacy / Ex. 6**

We had an update call today with Sean, Eric and Todd. Our discussion included:

## Deliberative Process / Ex. 5

# **Deliberative Process / Ex. 5**

## **Deliberative Process / Ex. 5**

Let me know if you have questions/corrections/directions to any of the above.

**Susan J. Penoyar, PE, LEG, BCEE** | Vice President | CDM Smith

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